



# INSTITUTE OF PHARMACY & TECHNOLOGY, SALIPUR

AT / P.O. SALIPUR, DIST. CUTTACK, ODISHA, PIN-754202.

(Regd. No.5226/371/1987-88 of Societies Act. XXI of 1860)

NAAC Accredited Institute

B.Pharm Course Accredited By NBA

Approved by: All India Council for Technical Education, Pharmacy Council of India, & Govt. of Odisha.

Affiliated to: Biju Patnaik University of Technology & Odisha State Board of Pharmacy, Odisha.

Esttd.:1982

**Vision:** To generate competent Pharma human resources.

**Mission:** To impart quality education in Pharmacy with continuous enrichment of knowledge and skill, to inculcate the competitive attitude, leadership quality with ethical approach, to meet the dynamic needs of the global village in all relevant fields.

## 1. Program:

### 1.1 Number of courses offered by the Institution across all programs during years 2022-23

#### SYLLABUS FOR B. PHARM PROGRAM FROM THE ACADEMIC SESSION 2017-18

Sl.No.	Program	Semester	Course code	Name of the course
1	B.Pharm	1st	BP101T	Human Anatomy and Physiology I
2	B.Pharm	1st	BP102T	Pharmaceutical Analysis I
3	B.Pharm	1st	BP103T	Pharmaceutics I
4	B.Pharm	1st	BP104T	Pharmaceutical Inorganic Chemistry
5	B.Pharm	1st	BP105T	Communication Skills
6	B.Pharm	1st	BP106RMT	Remedial Mathematics Theory*/
7	B.Pharm	1st	BP106RBT	Remedial Biology Theory*
8	B.Pharm	2nd	BP201T	Human Anatomy and Physiology II – Theory
9	B.Pharm	2nd	BP202T	Pharmaceutical Organic Chemistry I – Theory
10	B.Pharm	2nd	BP203T	Biochemistry – Theory
11	B.Pharm	2nd	BP204T	Pathophysiology – Theory
12	B.Pharm	2nd	BP205T	Computer Applications In Pharmacy – Theory *
13	B.Pharm	2nd	BP206T	Environmental Sciences – Theory *
14	B.Pharm	3rd	BP301T	Pharmaceutical Organic Chemistry II – Theory
15	B.Pharm	3rd	BP302T	Physical Pharmaceutics I – Theory
16	B.Pharm	3rd	BP303T	Pharmaceutical Microbiology – Theory
17	B.Pharm	3rd	BP304T	Pharmaceutical Engineering – Theory
18	B.Pharm	4th	BP401T	Pharmaceutical Organic Chemistry III – Theory
19	B.Pharm	4th	BP402T	Medicinal Chemistry I – Theory
20	B.Pharm	4th	BP403T	Physical Pharmaceutics II – Theory
21	B.Pharm	4th	BP404T	Pharmacology I – Theory
22	B.Pharm	4th	BP405T	Pharmacognosy and Phytochemistry I – Theory
23	B.Pharm	5th	BP501T	Medicinal Chemistry-II Theory
24	B.Pharm	5th	BP502T	Industrial Pharmacy-I Theory
25	B.Pharm	5th	BP503T	Pharmacology-II Theory
26	B.Pharm	5th	BP504T	Pharmacognosy and Phytochemistry-II Theory
27	B.Pharm	5th	BP505T	Pharmaceutical Jurisprudence Theory
28	B.Pharm	6th	BP601T	Medicinal Chemistry III – Theory
29	B.Pharm	6th	BP602T	Pharmacology III – Theory
30	B.Pharm	6th	BP603T	Herbal Drug Technology – Theory
31	B.Pharm	6th	BP604T	Biopharmaceutics and Pharmacokinetics – Theory
32	B.Pharm	6th	BP605T	Pharmaceutical Biotechnology – Theory
33	B.Pharm	6th	BP606T	Quality Assurance –Theory
34	B.Pharm	7th	BP701T	Instrumental Methods of Analysis – Theory
35	B.Pharm	7th	BP702T	Industrial PharmacyII – Theory





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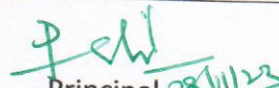
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36	B.Pharm	7th	BP703T	Pharmacy Practice – Theory
37	B.Pharm	7th	BP704T	Novel Drug Delivery System – Theory
38	B.Pharm	8th	BP801T	Social and Preventive Pharmacy
39	B.Pharm	8th	BP802T	Pharma Marketing Management
40	B.Pharm	8th	BP803ET/BP804ET/BP805ET/ BP806ET/BP807ET/BP808ET/ BP809ET/BP810ET/BP811ET/ BP812ET/BP813ET	Pharma Marketing Management-Theory/Pharmaceutical Regulatory Science-Theory/Pharmacovigilance-Theory/Quality Control and Standardization of Herbals-Theory/Computer Aided Drug Design-Theory/Cell and Molecular Biology-Theory/Cosmetic Science-Theory/Experimental Pharmacology or Pharmacological Screening Methods-Theory/Advanced Instrumentation Techniques-Theory/ Dietary Supplements and Nutraceuticals-Theory/ Pharmaceutical product Development-Theory

  
Principal 28/11/23  
Principal

Institute of Pharmacy & Technology  
Salipur, Dist-Cuttack-754202, Odisha





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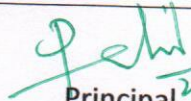
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## SYLLABUS FOR M. PHARM PROGRAM (2019-20)

Sl.No.	Program	Semester	Course code	Name of the course
1	M.Pharm in Pharmaceutics	1st	MPH101T	Modern Pharmaceutical Analytical Techniques
2	M.Pharm in Pharmaceutics	1st	MPH102T	Drug Delivery System
3	M.Pharm in Pharmaceutics	1st	MPH103T	Modern Pharmaceutics
4	M.Pharm in Pharmaceutics	1st	MPH104T	Regulatory Affair
5	M.Pharm in Pharmaceutics	2nd	MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)
6	M.Pharm in Pharmaceutics	2nd	MPH202T	Advanced Biopharmaceutics & Pharmacokinetics
7	M.Pharm in Pharmaceutics	2nd	MPH203T	Computer Aided Drug Delivery System
8	M.Pharm in Pharmaceutics	2nd	MPH204T	Cosmetic and Cosmeceuticals
9	M.Pharm in Pharmaceutics	3rd	MRM 301T	Research Methodology and Biostatistics*
10	M.Pharm in Pharmaceutical Chemistry	1st	MPC101T	Modern Pharmaceutical Analytical Techniques
11	M.Pharm in Pharmaceutical Chemistry	1st	MPC1012T	Advanced Organic Chemistry -I
12	M.Pharm in Pharmaceutical Chemistry	1st	MPC103T	Advanced Medicinal Chemistry
13	M.Pharm in Pharmaceutical Chemistry	1st	MPC104T	Chemistry of Natural Products
14	M.Pharm in Pharmaceutical Chemistry	2nd	MPC201T	Advanced Spectral Analysis
15	M.Pharm in Pharmaceutical Chemistry	2nd	MPC202T	Advanced Organic Chemistry -II
16	M.Pharm in Pharmaceutical Chemistry	2nd	MPC203T	Computer Aided Drug Design
17	M.Pharm in Pharmaceutical Chemistry	2nd	MPC204T	Pharmaceutical Process Chemistry
18	M.Pharm in Pharmaceutical Chemistry	3rd	MRM 301T	Research Methodology and Biostatistics*
19	M.Pharm in Pharmaceutical Analysis	1st	MPA101T	Modern Pharmaceutical Analytical Techniques
20	M.Pharm in Pharmaceutical Analysis	1st	MPA102T	Advanced Pharmaceutical Analysis
21	M.Pharm in Pharmaceutical Analysis	1st	MPA103T	Pharmaceutical Validation
22	M.Pharm in Pharmaceutical Analysis	1st	MPA104T	Food Analysis
23	M.Pharm in Pharmaceutical Analysis	2nd	MPA201T	Advanced Instrumental Analysis
24	M.Pharm in Pharmaceutical Analysis	2nd	MPA202T	Modern Bio-Analytical Techniques
25	M.Pharm in Pharmaceutical Analysis	2nd	MPA203T	Quality Control and Quality Assurance
26	M.Pharm in Pharmaceutical Analysis	2nd	MPA204T	Herbal and Cosmetic Analysis
27	M.Pharm in Pharmaceutical Analysis	3rd	MRM 301T	Research Methodology and Biostatistics*

  
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